

REMARKS

Claims 16-18 and 21-23, 25-27 are presented for consideration, with Claims 16, 21, 22 and 23 being independent.

Independent Claims 16, 21, 22 and 23 have been amended to further distinguish Applicants' invention from the cited art. In addition, Claim 24 has been cancelled.

Claims 24 was rejected under 35 U.S.C. §112, first paragraph, for allegedly failing to comply with the enablement requirement. Without conceding the propriety of this rejection, Claim 24 has been cancelled. This rejection is therefore deemed to be moot and should be withdrawn.

Claims 16-18 and 21-27 were rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite for the reasons set forth on page 3 of the Office Action. In response to this rejection, it is respectfully submitted that Figures 12, 15, 18 and 21, and the corresponding disclosure in the specification, provide support for the setting of a range to be displayed in the color distribution, as set forth in the range setting step of Claim 16. Claims 21, 22 and 23 are similarly supported. Accordingly, reconsideration and withdrawal of the rejection under 35 U.S.C. §112, second paragraph, is respectfully requested.

Applicants note with appreciation that Claim 27 is indicated as containing patentable subject matter. This claim remains in dependent form, however, as it is respectfully submitted that parent Claim 16 is patentable in its own right for the reasons discussed below.

Claims 16-18 and 21-27 stand rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Beretta '890. This rejection is respectfully traversed.

Claim 16 of Applicants' invention relates to a color-information processing method for displaying a three-dimensional object of color distribution based on sample points. The method includes a color-distribution-information input step of inputting color coordinate values in a second color system corresponding to sample points in a first color system, a viewpoint information setting step of setting viewpoint information according to a user instruction, and a range setting step of setting a range to be displayed in the color distribution according to a user instruction. Additional steps includes selecting sample points corresponding to the range from the sample points in the first color system and obtaining the color coordinate values in the second color system corresponding to the select sample points, and generating surface information of the three-dimensional object based on the obtained color coordinate values in the second color system corresponding to the selected sample points and generating color information of the surface of the three-dimensional object based on the obtained color coordinate values in the second color system corresponding to the selected sample points. The three-dimensional object corresponding to the viewpoint information based on the surface information of the three-dimensional object and the color information of the surface is displayed.

In accordance with Applicants' claimed invention, a high performance color information processing method is provided.

As discussed in the previous Amendment of January 17, 2007, the Beretta patent relates to a graphical user interface for interactively modifying a color gamut clipping. The Office Action asserts that Beretta includes color distribution information means for inputting color coordinate values, a viewpoint information setting step, a range setting step, and a selecting

step to select sample points. Beretta is also said to include a generator to generate surface information of a three-dimensional object based on obtained color coordinate values, and a display.

In contrast to Applicants' claimed invention, however, Beretta is not understood to teach or suggest, among other features, setting a range to be displayed in the color distribution and selecting sample points corresponding to the range from sample points in a first color system and obtaining color coordinate values in a second color system corresponding to the selected sample points. Beretta thus also fails to teach or suggest generating surface information of the three-dimensional object based on the obtained color coordinate values in the second color system corresponding to the selected sample points and generating color information based on the obtained color coordinate values and the second color system corresponding to the selected sample points.

It is respectfully submitted, therefore, that Beretta fails to teach or suggest Applicants' invention as set forth in independent Claim 16.

Independent Claim 21, related to a computer-readable medium, and independent Claims 22 and 23, directed to an apparatus, have been amended along the same lines as Claim 16. These claims therefore also include features not taught or suggested in Beretta.

Accordingly, reconsideration and withdrawal of the rejection under 35 U.S.C. §102(e) in view of Beretta is respectfully requested.

Therefore, it is submitted that Applicants' invention as set forth in independent Claims 16, 21, 22 and 23 is patentable over the cited art. In addition, dependent Claims 17, 18

and 25-27 set forth additional features of Applicants' invention. Independent consideration of the dependent claims is respectfully requested.

Due consideration and prompt passage to issue are respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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